3M™ Digital Projector X62w

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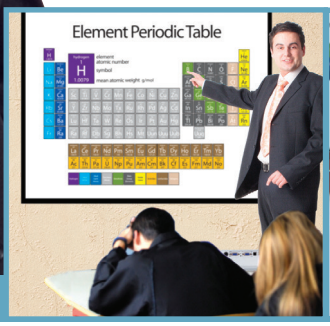
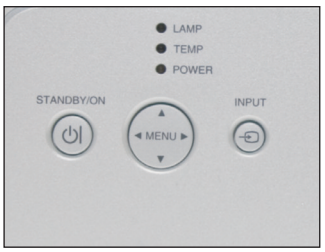
With its 2500 lumens* crisp video and data image display, the 3M™ Digital Projector X62w, featuring wireless and wired LAN capabilities, is ideal for business, education, multi-media and multi-purpose environments. Advanced features like personalized settings, video enhancements and anti-theft deterrents, make the 3M X62w a great tool for presenting a professional image.



Features

- 2500 lumens*
- Wireless EEE 802.11b/g
- Wired LAN
- Multi-image display (up to 4 PC images simultaneously)
- Optical Zoom
- Full Connectivity
- Quick Start and Instant Off
- Auto Vertical Keystone
- Input source naming
- *"My Button"* personalized settings
- Whiteboard and Blackboard modes
- PC-less Presentations using:
  - USB Slot
  - SD Memory Card Slot
- Anti-Theft using:
  - Security Bar
  - Pin-Lock
  - My Screen Lock
  - Transition Detector

indicates maximum lumens rating



3M™ Digital Projectors deliver crisp and bright presentations that help capture the attention of the audience and leave a lasting impression. Using wireless and networking technology, 3M has taken digital projection to the next level in ease of use and maintenance for the business, organizational and educational world.

Wireless Connectivity

When a meeting or classroom requires multiple source presenters, having the ability to display clear images without switching RGB cables between computers, puts the focus on the presentation and takes it off the cabling and time-to-connect issues. With the 3M X62w projector, the Wireless Connectivity feature, with the included SD™ Wireless Card or the direct LAN connection, is the easiest, cleanest and most hassle-free way to present. It's even possible to simultaneously project up to four images from wireless computers, allowing even more advanced and interactive presentations.

PC-Less Presentations

By using an SD memory card or a USB memory device, you can present .jpg, .png, .bmp and mpeg4-SP files from the projector without being connected to a computer. This is an ideal feature for those who make mobile presentations and for those who have security concerns about carrying their PC to different locations.

Just store your digital camera pictures on an SD card, or store .jpg data files on a USB memory device and insert either into the designated slot on the projector connection panel, and you're ready to display.

PC-Less Presentations
Storage devices: SD Memory card and USB memory stick. Compatible file formats: .jpeg, .png, .bmp, & .mpeg4-sp Maximum Memory Size: 2 GB (MPEG-SP is MEG4 Simple Profile and resolution is up to VGA and data rate is up to 1 Mbps)*

Feature Descriptions

Quick Start and Instant Off: *The image will appear in just 3 seconds after Power On and the unit can be instantly powered off after a presentation.*

Input Source Naming: *Change the name of any input to one of your own choosing for easier use (i.e. change "RGB Input" to "Computer" or "Audio Out" to "Speakers".)*

Auto Vertical Keystone: *Automatically performs keystone correction for an ideal screen setting, simply by pressing the button.*

My Button: *Two user-programmable buttons on the remote control that may be set with any command.*

Resolution Preset: *Recognizes and resizes special resolutions, such as WXGA, and places them in the optimum position. User's own resolutions can also be stored as custom modes.*

Whiteboard and Blackboard modes: *Whiteboard mode helps reduce peak white brightness of projection on a whiteboard, reducing the health and safety risks of looking directly into reflected light. Blackboard Mode helps provide better color balance when projecting onto a colored background.*

Anti-Theft Security Bar: *Serving as both a visible and actual deterrent, a steel security bar is connected to the chassis to help provide a strong anchor point for a lock chain.*

Pin-Lock: *A user preset key sequence must be input before the projector can be activated.*

My Screen Lock: *Users can personalize the start-up screen with a warning or ownership message and lock this screen with a pin code number.*

Transition Detector: *Locks the projector from use if the projection angle or settings are changed from the installed position. Requires a user-set numeric code for reactivation.*

Image Size 4:3		
Screen Size (Diagonal)	Projection Distance	
	Minimum (m)	Maximum (m)
40" (1.0)	1.2	1.4
60" (1.5)	1.8	2.1
100" (2.5)	3.0	3.6
150" (3.8)	4.5	5.4
200" (5.1)	6.0	7.2
300" (7.6)	9.0	10.8

Image Size 16:9		
Screen Size (Diagonal)	Projection Distance	
	Minimum (m)	Maximum (m)
40" (1.0)	1.3	1.5
60" (1.5)	1.9	2.3
100" (2.5)	3.2	3.9
150" (3.8)	4.9	5.8
200" (5.1)	6.5	7.8
300" (7.6)	9.8	11.7

Note: These sizes are ±10 percent. This is due to variations in the maufacture of the lens. If you are close to one of the endpoints you should verify with your unit that the image is the proper size at the proper distance.

PJ Management

With today's business resource constraints and budget concerns, having the ability to manage projectors installed in different classrooms or conference rooms from a single computer is a feature many companies and organizations are seeking.

Using the local area network within your facility or business, the projectors in various rooms are linked to a single computer. The IT manager is able to turn the projectors on and off in different rooms and perform various adjustments on the projectors from the single control room computer. Presenters don't have to worry about carrying equipment or about connecting the right cables—it's all done from the control room.

And for the manager charged with asset management and maintenance, the PJ Management feature allows checking the error status of all projectors by email. This helps ensure that the lamps and filters can be changed promptly, extending the life of the projector and reducing unexpected downtime.

The projectors can be set for individual or simultaneous on/off times, or can be changed from RGB to video as the input source. The IT manager can manage up to 500 projectors at one time.

Web Control

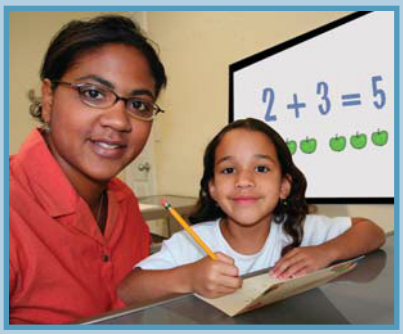
To help make it easier on the featured presenter or speaker, control of the projector can be done directly from the computer, via the web, in the same fashion as PJ Management, without having to first download the software.

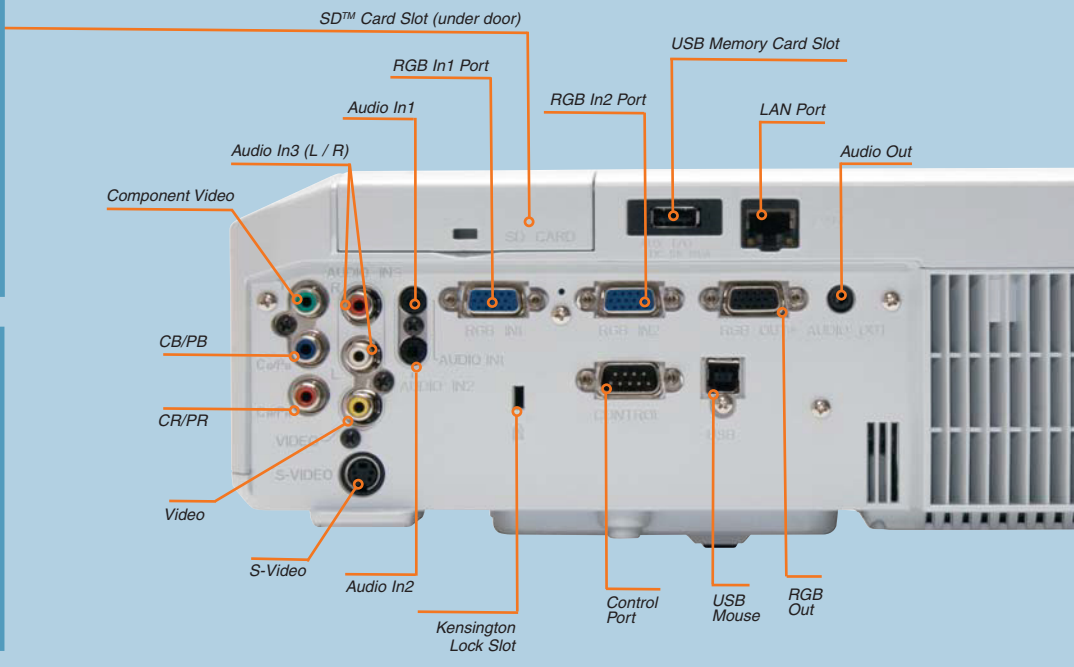
Simply by operating a control bar on the computer's screen, you or one of your associates can directly control functions being used for a presentation like the brightness, contrast, sharpness, aspect ratio, blank function on/off, and mute function on/off. The control bar on the computer provides easy to understand icons helping to ensure convenient operation of volume input sources, and other adjustments during the presentation.

E-Shot

For special announcements, emergency information distribution, a unique sign in a hotel lobby or conference center, the downloadable E-shot software function can transmit up to four still pictures or files to a single projector or to multiple projectors connected via the local area network.

Full Connectivity





3M™ Digital Projector X62w Specifications & Accessories

System Specifications

Video compatibility:	NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM, 480i, 480p, 525i, 525p, 625i, 576i, 720p, 750p, 1080i, 1125i
SDTV/HDTV:	1125i (1080i@60Hz)
Mouse Emulation:	USB
Keystone Correction:	Vertical: ±30˚
Audio:	1 x 1w
Startup Screen:	Customizable
Noise level:	Normal 38dB; Whisper 33dB
Feature set:	Auto off, 4x digital magnification, blank
Horizontal scan:	31.5 - 106 kHz
Vertical scan:	56-120 Hz
Power consumption:	310w
Power supply: Universal:	100-120V / 220-240V, 50/60 Hz
Regulatory approvals:	UL, cUL, FCC Part 15 Class B, CE, EN60950
Operating temperature:	41˚ - 95˚ F (5˚ ~ 35˚ C)
Storage temperature:	-4˚ - 140˚ F (-20˚ - 60˚ C)
Altitude:	Sea level to 6000 ft. (1,829 m)

Optical

Resolution:	Native: True XGA (1024 x 768) Maximum: UXGA (1600 x 1200)
Imager set:	0.63", P-Si TFT Panel
Aspect Ratio:	4:3 native and 16:9 supported
Colors:	16.7 million true colors (24 bit)
Brightness:	2500 lumens (maximum rating)
Contrast Ratio:	500:1
Projection lens:	F (focal length): 1.7-1.9 (f=18.9 - 22.6 mm)
Screen Size (range):	30-300 inches
Zoom / Focus:	Manual
Zoom Ratio:	1.2:1
Optional Lenses:	No
Lamp:	200W UHB
Lamp Life:	2000 hours (avg)

Size

Dimensions (W x H x D):	12.0 x 4.17 x 9.8 in. (306 x 106 x 249 mm)
Weight:	7.3 lbs / 3.3 kg

Warranties

See www.3m.com/us/meetings/warranties for details on warranties.

Projector:	3 Years Standard
Lamp:	1 Year Prorated
Optional Coverage:	Ultra Value Warranty Enhancement – includes free lamp, free loaner while unit is being repaired and expedited service. Not available outside U.S.

Connections

Computer

3 - RGB (2 inputs, 1 output)
1 - Serial Control
1 - Network Port
1 - SD Card Slot for Memory Card and Wireless Card
1 - USB Port for USB Memory Stick

Video

1 - Composite
1 - S-Video
1 - Component

Audio in/out

1 - Video Audio (audio output is shared with computer and video inputs)

Wired LAN

Standard:	10BASE-T / 100 BASE-TX
Connection:	RJ-45

Wireless LAN

Standard:	IEEE 802.11g
Wireless Interface:	SD Card - Wireless 802.11g
Operation Range:	Up to 150 ft (46m)
Frequency Range:	2.4GHz to 2.48 GHz
Channels:	1 to 10ch

Minimum System Requirements

Software Requirements:	Microsoft® Windows® XP Home Edition or Windows 2000 Professional
Hardware Requirements:	Minimum RAM: 64MB - 2000 / 128M - XP
Hard Drive Space:	10MB, CD Rom
Security Method:	WEP (64/128 bit), WPA-PSK2 (TKIP/AES)

Accessories Included

- Power Cords (US, UK, Europe)
- VGA Cable
- Remote Control (without laser)
- RCA Audio/Video cable
- USB Cable
- Multi-language Operator's Guide CD
- Soft side carry case
- SD Wireless 802.11g card
- Free unlimited software downloads and updates available on our website at www.3m.com/meetings

Optional Accessories

• Ultra Value Enhanced Warranty (WX62w) [U.S. Only]	78-6969-9876-0
• Lamp Replacement Kit (LKX62w)	78-6969-9875-2
• Ceiling Mount CM55i (X62w)	78-6969-9860-4
• Soft Rolling Bag SSC 10/40/50	78-6969-9716-8
• Universal Ceiling Mount	78-6969-9874-5

Technical Support

- Free unlimited software downloads and updates available on our website at www.3m.com/meetings
- Toll-free 24/7 Technical Support by calling 800.328.1371

www.3m.com/meetings

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3M Projection Systems
Building A 147-5N-01
6801 River Place Blvd.
Austin, TX 78726-9000

3M Canada
P.O. Box 5757
London,
Ontario,Canada
N6A 4T1

3M Mexico, S.A. de C.V.
Apartado Postal 14-139
Mexico, D.F. 07070
Mexico

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